

10/541078

JC20 Rec'd PCT/PTO 29 JUN 2005

SEQUENCE LISTING

<110> MIRANDA, LESLIE PHILLIP  
KENT, STEPHEN B. H.

<120> WATER-SOLUBLE THIOESTER AND SELENOESTER  
COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME

<130> GRFN-044WO

<140> Unassigned  
<141> 2003-12-30

<150> 60/437,285  
<151> 2002-12-30

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1  
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<212> PRT  
<213> Artificial Sequence

<220>  
<223> GRFN-1712 peptide

<221> VARIANT  
<222> (1)...(1)  
<223> Cys is Acm protected

<221> VARIANT  
<222> (56)...(56)  
<223> Trp is bound to a thioester moiety

<400> 1  
Cys Ser Leu Asn Glu Lys Ile Thr Val Pro Asp Thr Lys Val Asn Phe  
1 5 10 15  
Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp  
20 25 30  
Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu  
35 40 45  
Leu Val Lys Ser Ser Gln Pro Trp  
50 55

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<223> GRFN 1712-PLP3 peptide

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<222> (1)...(1)  
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<221> VARIANT  
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<223> Trp is bound to a thioester-PLP3-L moiety

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Cys Ser Leu Asn Glu Lys Ile Thr Val Pro Asp Thr Lys Val Asn Phe  
1 5 10 15  
Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp  
20 25 30  
Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu  
35 40 45  
Leu Val Lys Ser Ser Gln Pro Trp  
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<220>  
<223> GRFN 1852 peptide

<221> VARIANT  
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<223> Cys is Acm protected

<221> VARIANT  
<222> (51)...(51)  
<223> Leu is bound to a thioester moiety

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Cys Leu Ser Gln Leu His Ser Gly Leu Phe Leu Tyr Gln Gly Leu Leu  
1 5 10 15  
Gln Ala Leu Glu Gly Ile Ser Pro Glu Leu Gly Pro Thr Leu Asp Thr  
20 25 30  
Leu Gln Leu Asp Val Ala Asp Phe Ala Thr Thr Ile Trp Gln Gln Met  
35 40 45  
Glu Glu Leu  
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<210> 4  
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<212> PRT  
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<223> GRFN 1852-PLP3 peptide

<221> VARIANT  
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<223> Cys is Acm protected

<221> VARIANT

<222> (51) . . . (51)

<223> Leu is bound to a thioester-PLP3-Leu moiety

<400> 4

Cys	Leu	Ser	Gln	Leu	His	Ser	Gly	Leu	Phe	Leu	Tyr	Gln	Gly	Leu	Leu
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Gln	Ala	Leu	Glu	Gly	Ile	Ser	Pro	Glu	Leu	Gly	Pro	Thr	Leu	Asp	Thr
															30
Leu	Gln	Leu	Asp	Val	Ala	Asp	Phe	Ala	Thr	Thr	Ile	Trp	Gln	Gln	Met
															45
Glu	Glu	Leu													
															50